

Serial No. 10/060,057  
HP 30012370-1 US  
LHB 1509-273  
Page 2

**IN THE CLAIMS:**

Please amend claims 1-13 and 18-20, and add claims 21-24 as follows:

1. (Currently amended) A method of operating a SCSI-enabled device in response to a message parity error message coupled received from a SCSI initiator device over a SCSI enabled bus, said method comprising:

determining whether said SCSI-enabled device is in a data transfer state; and

if said SCSI enabled device is in a data transfer state, then generating a response message to ~~[[an]]~~ said SCSI initiator device, said response message notifying said SCSI initiator device that a previous data transfer operation will be recommenced.

2. (Currently amended) The method ~~as claimed in Claim~~ of claim 1, wherein said response message notifies said SCSI initiator device that said data transfer operation will recommence from the start of said data transfer operation.

3. (Currently amended) A method of operating a SCSI driver, said method comprising:

carrying out a data transfer phase;

receiving a message parity error message from a SCSI initiator device over a SCSI bus following said data transfer phase; and

Serial No. 10/060,057  
HP 30012370-1 US  
LHB 1509-273  
Page 3

sending a restore data pointer message[[,]] to said SCSI initiator device over said SCSI bus after receiving said message parity error message.

4. (Currently amended) The method ~~as claimed in Claim~~ of claim 3, comprising the step of:

sending a message instructing recommencing said data transfer phase after sending said restore data pointer message.

5. (Currently amended) A SCSI-enabled device, comprising:

a receiver for receiving a message parity error message from a SCSI initiator device over a SCSI bus;

a processor arrangement for determining whether said SCSI-enabled device is in a data transfer state[[,]] and for generating a response signal to [[an]] said SCSI initiator device from which a data transfer phase was initiated, said response message being such as to notify said SCSI initiator device that a previous data transfer operation will be recommenced.

6. (Currently amended) A SCSI driver comprising:

a processor arrangement for carrying out a data transfer phase[[;]], the processor arrangement being arranged for recognizing that a message parity error message has occurred immediately after the data transfer phase;

Serial No. 10/060,057

HP 30012370-1 US

LHB 1509-273

Page 4

a receiver for receiving a message parity error message from a SCSI initiator device over a SCSI bus following said data transfer phase; ~~the processor arrangement being arranged for recognizing that a parity error message has occurred immediately after a data transfer phase, and~~

a sender for sending a restore data pointer message~~[[,]]~~ to said SCSI initiator device over said SCSI bus after receiving said message parity error message.

7. (Currently amended) The SCSI driver ~~as claimed in~~ of claim 6, wherein said processor arrangement is arranged to send a message to said SCSI-enabled initiator device for recommencing said data transfer phase after sending said restore data pointer message.

8. (Currently amended) A memory or medium carrying computer-readable data for instructing a processor of a SCSI-enabled device to perform SCSI operations, said operations comprising:

determining whether a SCSI message parity error message has been received ~~[[by]]~~ from a SCSI initiator device over a SCSI bus;

determining whether said SCSI-enabled device is in a data transfer state; and

if said SCSI-enabled device is in a data transfer state, generating a response message ~~[[for]]~~ to said SCSI initiator device,

Serial No. 10/060,057  
HP 30012370-1 US  
LHB 1509-273  
Page 5

said response message notifying [[a]] said SCSI initiator device that a previous data transfer operation is to be recommenced.

9. (Currently amended) The memory or medium ~~as claimed in~~ of claim 8, stored on a program data storage medium selected from the set:

- a CD-ROM;
- a magnetic data storage medium.

10. (Currently amended) A SCSI-enabled device operable for:  
determining whether said SCSI-enabled device is in a data transfer state; and

generating a response signal to [[an]] a SCSI initiator device from which a data transfer phase was initiated, said response message being arranged for notifying said SCSI initiator device that a previous data transfer operation is ~~will be~~ recommenced.

11. (Currently amended) A SCSI driver operable for:  
carrying out a data transfer phase;  
receiving a message parity error message from a SCSI initiator device over a SCSI bus following said data transfer phase;  
recognizing that a message parity error message has occurred immediately after a data transfer phase; and

Serial No. 10/060,057  
HP 30012370-1 US  
LHB 1509-273  
Page 6

sending a restore data pointer message to said SCSI initiator device over said SCSI bus after in response to receiving said message parity error message and recognizing that said message parity error message has occurred.

12. (Currently amended) A method of avoiding a possible crash or hang in a peripheral device caused under conditions in which a ~~host computer~~ SCSI initiator device seizes a SCSI bus during a bus fill period after an arbitration host selection period and the commencement of operation of the peripheral device, the method comprising:

enabling the peripheral device via a SCSI bus;

while the peripheral device is so enabled, activating a driver coupled with the peripheral device via the SCSI bus so the driver supplies the peripheral device with a signal sequence on the SCSI bus, the signal sequence normally including a data transfer phase during which the data are transferred between the ~~host computer~~ SCSI initiator device and the peripheral device, followed by a message phase that includes a message parity error message, the response signal being generated by the peripheral device in response to receipt thereby of the message parity error message; and

causing the driver to perform the following steps in response to a message parity error message being on a SCSI bus to which the

Serial No. 10/060,057  
HP 30012370-1 US  
LHB 1509-273  
Page 7

driver is responsive, wherein the message parity error occurs immediately after the data transfer:

(a) determining if the driver is in the data transfer phase,

(b) if the driver is not in the data transfer phase, causing the driver to continue to respond to the message parity error message in a conventional manner, and

(c) if the driver is in the data transfer phase, causing the driver to recognize the message parity error message as being a SCSI non-operation message[[]], the peripheral device responding to step (c) of the driver operation by sending a restore data pointer message back to the ~~computer~~ SCSI initiator device, the restore data pointer message ~~informing~~ indicating the ~~computer~~ peripheral device is going to re-try the entire data transfer phase from the beginning.

13. (Currently amended) The method of claim 12, further including resuming the data transfer at the computer device from the beginning in response to receipt at the computer device of the restore data pointer message.

14. (Previously presented) The method of claim 13, wherein the peripheral device resumes the data transfer from the beginning in

Serial No. 10/060,057  
HP 30012370-1 US  
LHB 1509-273  
Page 8

response to the computer device resuming the data transfer from the beginning.

15. (Previously presented) Apparatus for performing the method of claim 12.

16. (Previously presented) Apparatus for performing the method of claim 13.

17. (Previously presented) Apparatus for performing the method of claim 14.

18. (Currently amended) A memory or medium including machine-readable indicia for causing a computer system to execute the method of claim 12.

19. (Currently amended) A memory or medium including machine-readable indicia for causing a computer system to execute the method of claim 13.

20. (Currently amended) A memory or medium including machine-readable indicia for causing a computer system to execute the method of claim 14.

Serial No. 10/060,057  
HP 30012370-1 US  
LHB 1509-273  
Page 9

21. (New) The device of claim 5, in combination with the SCSI initiator device and the SCSI bus that are coupled with the SCSI-enabled device.

22. (New) The SCSI driver of claim 6, in combination with the SCSI initiator device and the SCSI bus that are coupled with the SCSI driver.

23. (New) The device of claim 10, in the combination with the SCSI initiator device that is coupled with the SCSI-enabled device.

24. (New) The SCSI driver of claim 11, in combination with the SCSI initiator device and the SCSI bus that are coupled with the SCSI driver.